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NOTICE OF ALLOWANCE AND FEE(S) DUE

52894

7590

02/09/2009

KRIEGER INTELLECTUAL PROPERTY, INC.

PO Box 872438

Vancouver, WA 98687-2438

EXAMINER

EBRAHIMI DEHKORDY, SAIED

ART UNIT

PAPER NUMBER

2625

DATE MAILED: 02/09/2009

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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09/683,667

01/31/2002

Andrew Rodney Ferlitich

SLA1038

1478

TITLE OF INVENTION: METHODS AND SYSTEMS FOR PRINT SYSTEM COMPONENT-BASED REMOTE PRINTING

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$300	\$0	\$1810	05/11/2009

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

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Complete and send this form, together with applicable fee(s), to: **Mail**

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INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

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52894 7590 02/09/2009

KRIEGER INTELLECTUAL PROPERTY, INC.
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Vancouver, WA 98687-2438

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I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE-FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

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TITLE OF INVENTION: METHODS AND SYSTEMS FOR PRINT SYSTEM COMPONENT-BASED REMOTE PRINTING

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nonprovisional	NO	\$1510	\$300	\$0	\$1810	05/11/2009

EXAMINER	ART UNIT	CLASS-SUBCLASS
EBRAHIMI DEHKORDY, SAEID	2625	358-001150

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/147; Rev 03-02 or more recent) attached. Use of a **Customer Number is required.**

2. For printing on the patent front page, list

(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,

1

(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

2

3

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY AND STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☐ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

- ☐ Issue Fee
☐ Publication Fee (No small entity discount permitted)
☐ Advance Order - # of Copies _____

4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)

- ☐ A check is enclosed.
☐ Payment by credit card. Form PTO-2038 is attached.
☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature _____ Date _____

Typed or printed name _____ Registration No. _____

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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52894	7590	02/09/2009	EXAMINER	
KRIEGER INTELLECTUAL PROPERTY, INC.			EBRAHIMI DEHKORDY, SAEID	
PO Box 872438			ART UNIT	PAPER NUMBER
Vancouver, WA 98687-2438			2625	

DATE MAILED: 02/09/2009

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 738 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 738 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (<http://pair.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

Notice of Allowability**Application No.**

09/683,667

Applicant(s)

FERLITSCH, ANDREW RODNEY

Examiner

SAEID EBRAHIMI DEHKORDY

Art Unit

2625

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERIT IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 11/24/08.
2. ☒ The allowed claim(s) is/are 1-5,7,9,11,14-20,22 and 23.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
(a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
(b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date 6/3/02, 7/22/08
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

/Saeid Ebrahimi-dehKordy/
Primary Examiner, Art Unit 2625

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Scott Krieger on 10/22/08. It was agreed to modify the claims as follow:

1. (currently amended) A method of printing from a computing device, said method comprising:

receiving a print task at a local print system component in a first network;

acquiring, by communication between a second-network print system component and said local print system component, printer data for a plurality of second-network printers located in a second network wherein said plurality of second-network printers are not directly accessible to said local print system component, wherein said plurality of second-network printers are not detectable to computing devices in said first network and wherein said plurality of second-network printers are in communication with said second-network print system component located in said second network;

reconfiguring said print task, wherein said reconfiguring comprises reconfiguring said print task for cluster printing on said plurality of second-network printers;

sending said reconfigured print task from said local print system component to said second-network print system component in said second network; and

sending said reconfigured print task, from said second-network print system component in said second network, to said plurality of second-network printers in communication with said second-network print system component for printing.

2. (original) The method of claim 1 wherein said local print system component is a spooler.

3. (original) The method of claim 1 wherein said local print system component is a print processor.

4. (previously presented) The method of claim 1 wherein said second-network print system component is a spooler.

5. (previously presented) The method of claim 1 wherein said second-network print system component is a print processor.

6. (canceled)

7. (original) The method of claim 1 wherein said reconfiguring is performed via said local print system component.

8. (canceled)

9. The method of claim 1 wherein said reconfiguring enables said print task to be printed on at least one second-network device.

10. (canceled)

11. (previously presented) A method of remote printing, said method comprising:

sending a print task to a local print system component on a first network;

determining characteristics of said print task;

determining the availability of a plurality of second-network printing devices located on a second network, wherein said second-network printing devices are not directly accessible to said local print system component and said second-network printing devices are not detectable by computing devices in said first network, said determining being performed via a

second-network print system component in said second network, wherein said second-network print system component is in communication with said local print system component;

determining the capabilities of said plurality of second-network printing devices with said second-network print system component;

selecting, via said local print system component, at least one of said plurality of second-network printing devices, thereby designating a printer selection;

reconfiguring said print task for said printer selection;

sending said print task to said second-network print system component; and

sending said print task from said second-network print system component to at least one of said plurality of second-network printing devices in said printer selection for printing.

12. (canceled)

13. (canceled)

14. (original) The method of claim 11 wherein said determining characteristics is accomplished via said local print system component.

15. (previously presented) The method of claim 11 wherein said determining characteristics is accomplished via said second-network print system component.

16. (previously presented) The method of claim 11 wherein said reconfiguring comprises job splitting among said plurality of second-network devices.

17. (previously presented) The method of claim 11 wherein said reconfiguring comprises copy splitting among said plurality of second-network devices.

18. (previously presented) The method of claim 11 wherein said reconfiguring comprises division of said print task into multiple print tasks for printing on a cluster of said second-network printing devices.

19. (original) The method of claim 11 wherein said reconfiguring comprises changing the destination of a print task.

20. (previously presented) A method of remote printing, said method comprising:

sending a print task to a local print system component on a first network;

determining a device requirement of said print task;

sending said device requirement to a second-network print system component on a second network that does not share devices with said first network, wherein printing devices on said second network are not detectable by computing devices on said first network;

checking, with said second-network print system component, the availability of a plurality of second-network printing devices on said second network, wherein said plurality of second-network printing devices is not directly accessible to said local print system component, but said plurality of second-network printing devices is in communication with said second-network print system component;

determining, with said second-network print system component, the capability of said plurality of second-network printing devices to meet said device requirement;

automatically selecting at least one of said plurality of second-network printing devices;

reconfiguring said print task for said selected at least one second-network printing device;

sending said print task to said selected at least one second-network printing device.

21. (canceled)

22. (previously presented) A system for remote printing, said system comprising:

a local print task receiver for receiving a print task from a local computing device on a first network;

a print task analyzer for determining a print task requirement;

a second-network printer data acquirer for acquiring printer data for a plurality of second-network printers on a second network that does not share printers with devices on said first network, wherein printing devices on said second network are not detectable by computing devices on said first network;

a print task distributor for distributing said print task to a second-network print system component on said second network;

a printer selector for comparing printer data with said print task requirement and for selecting at least one of said plurality of second-network printers based on said comparing; and

a print task reconfigure for reconfiguring said print task for said at least one of said plurality of second-network printers selected by said printer selector.

23. (previously presented) A computer readable medium comprising computer-readable instructions for performing functions within a print system component, said instructions comprising the acts of:

receiving a print task from a device on a first network;

determining print task characteristics;

sending print task characteristic data to a second-network print system component on a second network that does not share devices with said first network, wherein printing devices on said second network are not detectable by computing devices on said first network;

receiving printer data from said second-network print system component, said printer data identifying second-network printers on said second network that are capable of printing said print task;

selecting at least one of said second-network printers capable of printing said print task;

reconfiguring said print task for said selected at least one second-network printers;

sending said print task to said second-network print system component; and

sending said print task from said second-network print system component to said at least one of said second-network printers selected in said selecting.

24-27. (canceled)

2. Examiner acknowledges that applicant has filed the Terminal Disclaimer on 11/24/08.

REASONS FOR ALLOWANCE

3. Claims 1-5, 7, 9, 11, 14-20 and 22-23 are allowed.

The prior art of record specifically Lobiondo (U.S. patent 5,669,495) fails to suggest or teach the collective features or the invention such as "printers are not directly accessible to said local print system component, wherein said plurality of second-network printers are not detectable to computing devices in said first network and wherein said plurality of second-network printers are in communication with said second-network print system component located in said second network; sending said print task from said local print system component to said second-network print system component in said second network. These features along with the rest of the claim's limitations would renders the claims allowable.

CONTACT INFORMATION

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Saeid Ebrahimi-dehKordy whose telephone number is 571-272-7462. The examiner can normally be reached on Mon-Fri, 8:00am-6:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward Coles can be reached on 571-272-7402. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair->

Art Unit: 2625

direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Saeid Ebrahimi-dehKordy/
Primary Examiner, Art Unit 2625
January 30, 2009